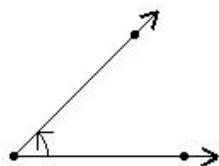
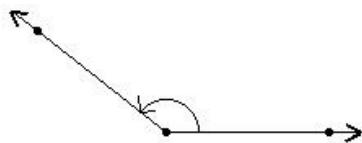


1. The following angle represents



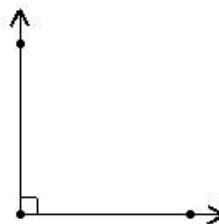
- (i) acute angle (ii) straight angle (iii) zero angle (iv) obtuse angle (v) right angle

2. The following angle represents



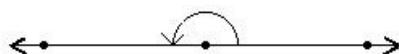
- (i) complete angle (ii) reflex angle (iii) acute angle (iv) obtuse angle (v) right angle

3. The following angle represents



- (i) acute angle (ii) zero angle (iii) right angle (iv) obtuse angle (v) complete angle

4. The following angle represents



- (i) right angle (ii) obtuse angle (iii) complete angle (iv) straight angle (v) zero angle

5. The following angle represents



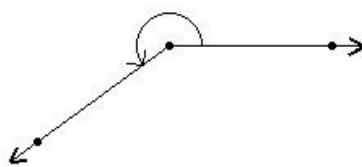
- (i) zero angle (ii) reflex angle (iii) straight angle (iv) obtuse angle (v) complete angle

6. The following angle represents



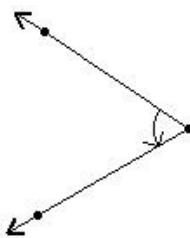
- (i) acute angle (ii) zero angle (iii) reflex angle (iv) right angle (v) complete angle

7. The following angle represents



- (i) right angle (ii) acute angle (iii) reflex angle (iv) zero angle (v) straight angle

8. The following angle represents



- (i) right angle (ii) acute angle (iii) zero angle (iv) obtuse angle (v) reflex angle

9. The following angle represents



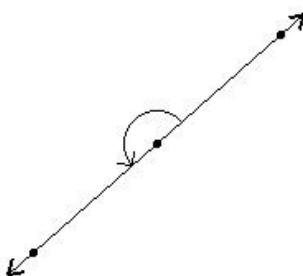
- (i) acute angle (ii) right angle (iii) zero angle (iv) complete angle (v) obtuse angle

10. The following angle represents



- (i) right angle (ii) complete angle (iii) zero angle (iv) acute angle (v) obtuse angle

11. The following angle represents



- (i) straight angle (ii) obtuse angle (iii) right angle (iv) zero angle (v) acute angle

12. The following angle represents



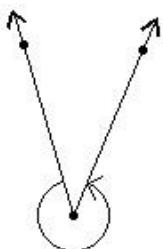
- (i) obtuse angle (ii) zero angle (iii) acute angle (iv) right angle (v) complete angle

13. The following angle represents



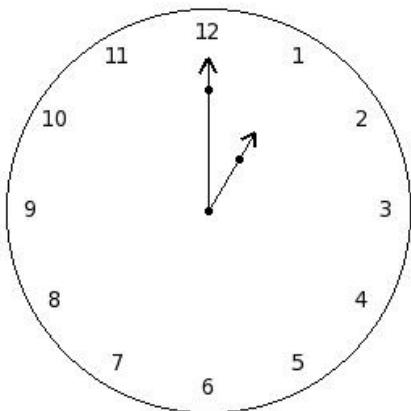
- (i) acute angle (ii) obtuse angle (iii) reflex angle (iv) straight angle (v) zero angle

14. The following angle represents



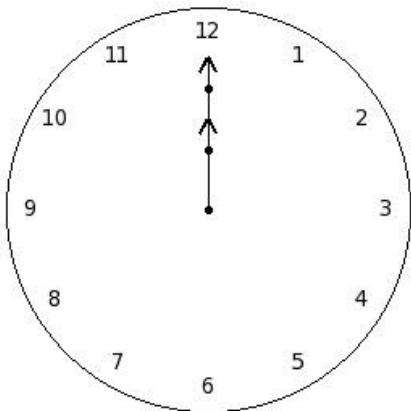
- (i) zero angle (ii) complete angle (iii) reflex angle (iv) straight angle (v) right angle

15. State the angle between the two hands of the clock when the time is 1 A.M.



- (i)  $30^\circ$  (ii)  $60^\circ$  (iii)  $40^\circ$  (iv)  $35^\circ$  (v)  $45^\circ$

16. State the type of angle between the two hands of the clock when the time is 12 A.M.



- (i) zero angle (ii) complete angle (iii) acute angle (iv) reflex angle (v) right angle

17. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 9 to 10?

- (i)  $\frac{1}{12}$  (ii)  $\frac{1}{14}$  (iii)  $\frac{1}{10}$  (iv)  $\frac{1}{4}$  (v)  $(\frac{-1}{12})$

18. Find the number of right angles covered by the hour hand of clock when it goes from 1 to 8

- (i) 0 (ii) 4 (iii) 1 (iv) 3 (v) 2

19. The supplementary angle of  $180^\circ$  is

- (i)  $5^\circ$  (ii)  $30^\circ$  (iii)  $0^\circ$  (iv)  $15^\circ$  (v)  $10^\circ$

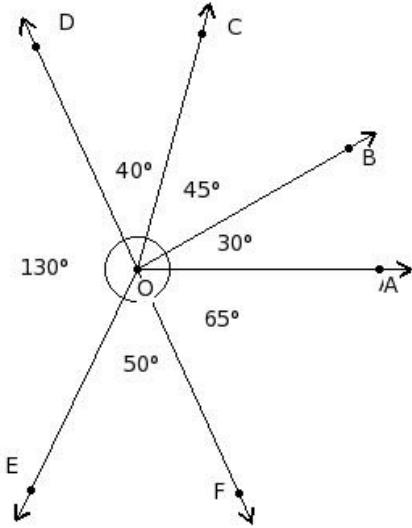
20. Find the supplementary angles pair in the following

- (i)  $174^\circ, 26^\circ$  (ii)  $154^\circ, 16^\circ$  (iii)  $194^\circ, 36^\circ$  (iv)  $164^\circ, 16^\circ$  (v)  $204^\circ, 46^\circ$

21. Where will the hour hand of a clock stop, if it starts from 11 and makes  $\frac{2}{3}$  of a revolution clockwise?

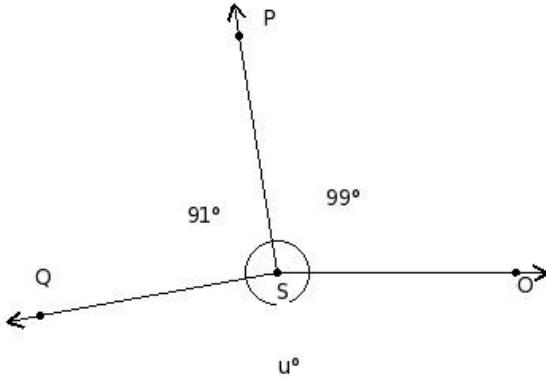
- (i) 9 (ii) 7 (iii) 5 (iv) 6 (v) 8

22. Which of the following angles form a linear pair?



- (i) ( $\angle DOE, \angle EOF$ ) (ii) ( $\angle BOC, \angle COD$ ) (iii) ( $\angle COD, \angle DOE$ ) (iv) ( $\angle AOB, \angle BOC$ ) (v) ( $\angle EOF, \angle FOA$ )

23. Find the value of 'u' in the following figure



- (i)  $180^\circ$  (ii)  $185^\circ$  (iii)  $175^\circ$  (iv)  $200^\circ$  (v)  $170^\circ$

24. Which of the following figures represent an angle?



fig 1

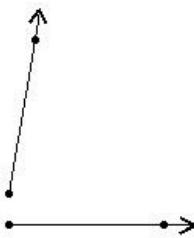


fig 2

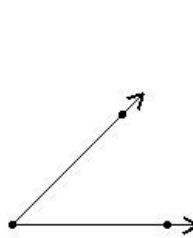


fig 3



fig 4

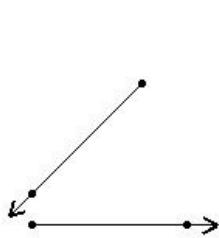
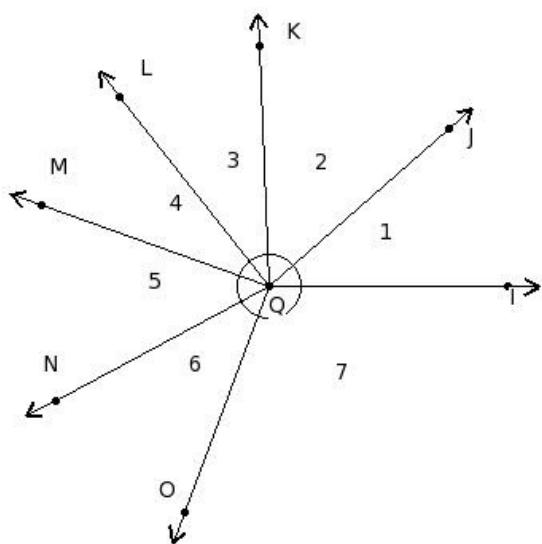


fig 5

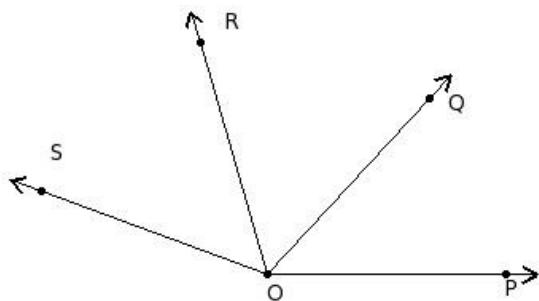
- (i) fig 3 (ii) fig 1 (iii) fig 5 (iv) fig 4 (v) fig 2

25. The name of angle 6 in the given figure is



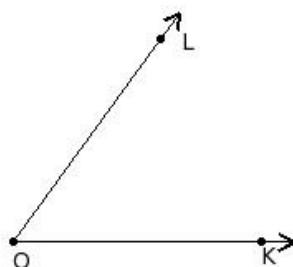
- (i)  $\angle OQI$  (ii)  $\angle MQN$  (iii)  $\angle NQO$  (iv)  $\angle KQL$  (v)  $\angle JQK$

26. Which of the following is the largest angle in the given figure?



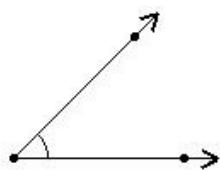
- (i)  $\angle POQ$  (ii)  $\angle QOS$  (iii)  $\angle POS$  (iv)  $\angle QOR$  (v)  $\angle POR$

27. The name of the given angle is



- (i)  $\angle KLO$  (ii)  $\angle KL$  (iii)  $\angle KOL$  (iv)  $\triangle KOL$  (v)  $\angle LKO$

28. Identify the figure below



- (i) pentagon (ii) octagon (iii) angle (iv) circle (v) nonagon

29. The complementary angle of  $57^\circ$  is

- (i)  $43^\circ$  (ii)  $63^\circ$  (iii)  $48^\circ$  (iv)  $38^\circ$  (v)  $33^\circ$

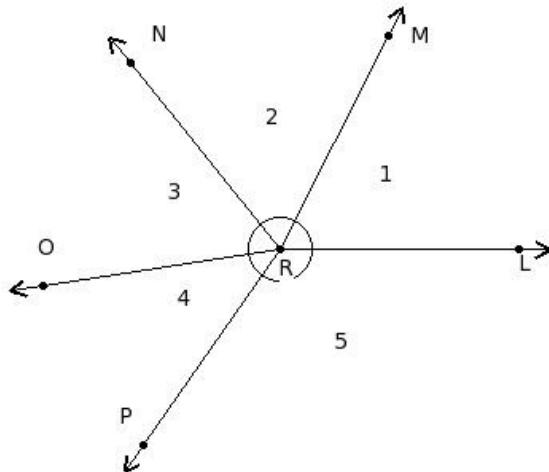
30. Find the complementary angles pair in the following

- (i)  $50^\circ, 30^\circ$  (ii)  $100^\circ, 60^\circ$  (iii)  $60^\circ, 30^\circ$  (iv)  $90^\circ, 50^\circ$  (v)  $70^\circ, 40^\circ$

31. Where will the hour hand of a clock stop, if it starts from 12 and turns through 3 right angles?

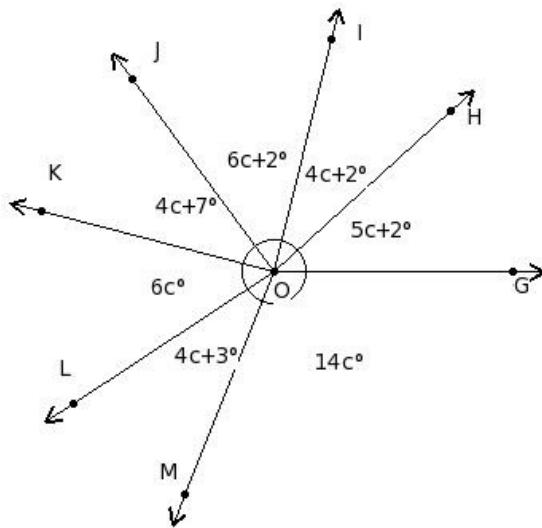
- (i) 7 (ii) 11 (iii) 9 (iv) 10 (v) 8

32. Which of the following are adjacent angles in the below figure?



- (i)  $\angle MRN$ ,  $\angle ORP$  (ii)  $\angle PRL$ ,  $\angle MRN$  (iii)  $\angle LRM$ ,  $\angle MRN$  (iv)  $\angle NRO$ ,  $\angle PRL$  (v)  $\angle ORP$ ,  $\angle MRN$

33. Find the value of 'c' in the following figure



- (i) 7 (ii) 9 (iii) 8 (iv) 11 (v) 5

34. Which of the following is an acute angle?

- (i)  $130^\circ$  (ii)  $89^\circ$  (iii)  $180^\circ$  (iv)  $0^\circ$  (v)  $90^\circ$

35. Which of the following is an obtuse angle?

- (i)  $246^\circ$  (ii)  $37^\circ$  (iii)  $170^\circ$  (iv)  $90^\circ$  (v)  $180^\circ$

36. Which of the following is a right angle?

- (i)  $0^\circ$  (ii)  $360^\circ$  (iii)  $180^\circ$  (iv)  $90^\circ$  (v)  $152^\circ$

37. Which of the following is a straight angle?

- (i)  $288^\circ$  (ii)  $125^\circ$  (iii)  $0^\circ$  (iv)  $180^\circ$  (v)  $68^\circ$

38. Which of the following is a complete angle?

- (i)  $360^\circ$  (ii)  $164^\circ$  (iii)  $313^\circ$  (iv)  $90^\circ$  (v)  $0^\circ$

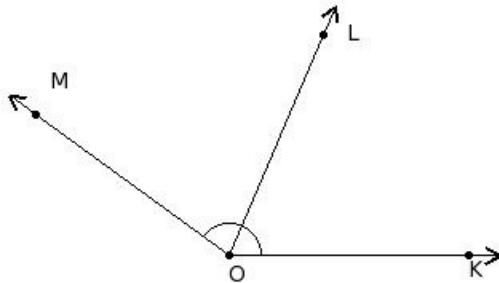
39. Which of the following is a zero angle?

- (i)  $180^\circ$  (ii)  $360^\circ$  (iii)  $0^\circ$  (iv)  $196^\circ$  (v)  $125^\circ$

40. Which of the following is a reflex angle?

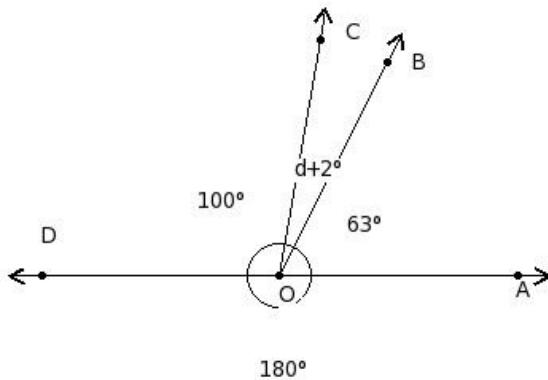
- (i)  $160^\circ$  (ii)  $214^\circ$  (iii)  $90^\circ$  (iv)  $180^\circ$  (v)  $79^\circ$

41. Which of the following are adjacent angles in the below figure?



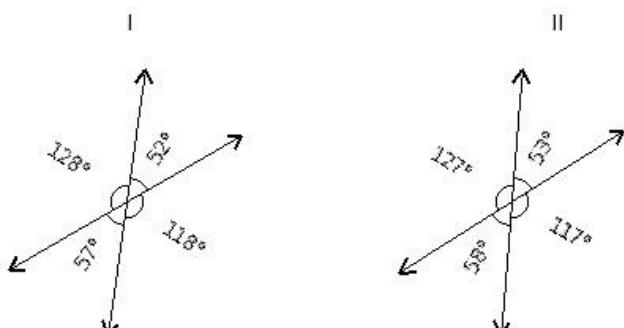
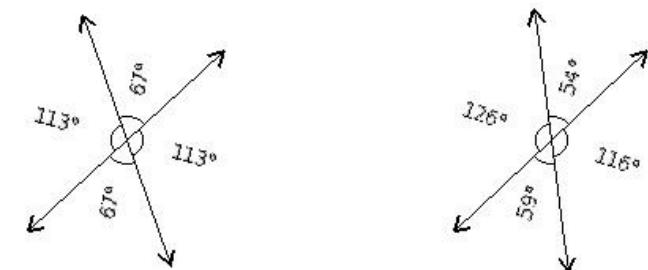
- (i)  $\angle MOK, \angle OOP$  (ii)  $\angle LOM, \angle NOO$  (iii)  $\angle NOO, \angle LOM$  (iv)  $\angle OOP, \angle LOM$  (v)  $\angle KOL, \angle LOM$

42. Find the value of  $d$  in the figure below



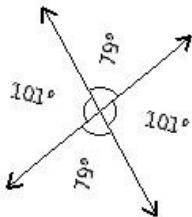
- (i) 18 (ii) 15 (iii) 13 (iv) 14 (v) 16

43. Which of the given figures is correct?

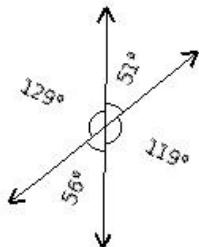


- (i) I (ii) IV (iii) III (iv) II

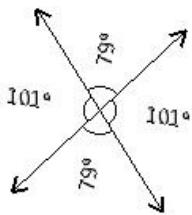
44. Which of the given figures is wrong?



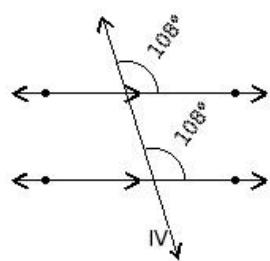
I



II



III



IV

- (i) II (ii) IV (iii) I (iv) III

## Assignment Key

1) (i)	2) (iv)	3) (iii)	4) (iv)	5) (v)	6) (ii)
7) (iii)	8) (ii)	9) (v)	10) (i)	11) (i)	12) (v)
13) (v)	14) (iii)	15) (i)	16) (i)	17) (i)	18) (v)
19) (iii)	20) (iv)	21) (ii)	22) (i)	23) (v)	24) (i)
25) (iii)	26) (iii)	27) (iii)	28) (iii)	29) (v)	30) (iii)
31) (iii)	32) (iii)	33) (iii)	34) (ii)	35) (iii)	36) (iv)
37) (iv)	38) (i)	39) (iii)	40) (ii)	41) (v)	42) (ii)
43) (i)	44) (i)				